

## EAST Search History

| Ref # | Hits | Search Query  | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|------|---|------------------------------|------------------|---------|------------------|
| L1    | 8914 | EL adj display  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/02/11 10:57 |
| L2    | 0    | 1 and (gradations same (channel adj length) same (channel adj width))               | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/02/11 11:00 |
| L3    | 0    | 1 and (gradations and (channel adj length) and (channel adj width))                 | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/02/11 11:00 |
| L4    | 11   | 1 and (gradations same (channel adj length) same (channel adj width))               | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/02/11 11:21 |
| L5    | 2    | 1 and ((number near gradations) same (channel adj length) same (channel adj width)) | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/02/11 11:10 |
| L6    | 1    | "20050057580"   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/02/11 11:10 |
| L7    | 0    | 6 and ((number near gradations) same (channel adj length) same (channel adj width)) | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/02/11 11:11 |
| L8    | 0    | 6 and ((number near gradations) near (channel adj length) same (channel adj width)) | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/02/11 11:11 |
| L9    | 0    | 6 and (number near gradations)  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/02/11 11:11 |
| L10   | 0    | 6 and gradations  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/02/11 11:11 |
| L11   | 1    | 6 and K   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/02/11 11:12 |
| L12   | 0    | 6 and (K same L same W)   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/02/11 11:12 |
| L13   | 1    | 6 and (K same L)  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/02/11 11:14 |
| L14   | 0    | 6 and (K same L/W)  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/02/11 11:14 |
| L15   | 0    | (EL adj display) and (K same L/W)   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/02/11 11:15 |

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|     |         |   |                              |    |    |                  |
|-----|---------|---|------------------------------|----|----|------------------|
| L16 | 54      | (EL adj display) and (L/W)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 11:15 |
| L17 | 17      | 1 and ((K or gradation\$1) same (channel adj length) same (channel adj width))  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 12:31 |
| L18 | 5142702 | 1 and delay time  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 11:34 |
| L19 | 186     | 1 and (delay adj time)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 11:35 |
| L20 | 6       | 19 and (display near non-display)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 11:37 |
| L21 | 1       | 19 and ((control adj method) and (display near non-display))                    | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 12:33 |
| L22 | 17      | 19 and (control adj method)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 11:41 |
| L23 | 1       | "20050057580" and (control adj method)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 11:57 |
| L24 | 0       | "20050057580" and ((control adj method) and (delay adj time))                   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 12:00 |
| L25 | 17      | 1 and ((control adj method) and (delay adj time))                               | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 11:58 |
| L26 | 1       | "20050057580" and ((control adj method) and time)                               | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 13:44 |
| L27 | 1       | "20050041002"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 12:30 |
| L28 | 1       | 21 and ((K or gradation\$1) same (channel adj length) same (channel adj width)) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 12:32 |
| L29 | 0       | 27 and ((K or gradation\$1) same (channel adj length) same (channel adj width)) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 12:32 |
| L30 | 1       | 27 and (K or gradation\$1)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 12:32 |

## EAST Search History

|     |    |   |                              |    |    |                  |
|-----|----|---|------------------------------|----|----|------------------|
| L31 | 1  | 27 and ((control adj method) and (display near non-display))            | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 13:06 |
| L32 | 0  | 1 and ((control adj method) near (display near non-display near ratio)) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 13:07 |
| L33 | 0  | 1 and (display near non-display near ratio)                             | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 13:07 |
| L34 | 46 | 1 and (display near non-display same ratio)                             | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 13:35 |
| L35 | 5  | 34 and 1/16   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 13:35 |
| L36 | 1  | "20050057580" and 1/1   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 13:45 |
| L37 | 1  | "20050057580" and 1/16  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 13:46 |
| L38 | 0  | "20050057580" and (1/16 near 1/1)                                       | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 13:46 |
| L39 | 0  | "20050057580" and (1/16 same 1/1)                                       | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 13:47 |
| L40 | 1  | "20050057580" and (1/16 and 1/1)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 14:08 |
| L41 | 0  | "20050057580" and (aggregation adj data)                                | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 14:09 |
| L42 | 0  | "20050057580" and (aggregation adj circuit)                             | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 14:10 |
| L43 | 1  | 1 and (aggregation adj circuit)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 14:10 |
| L44 | 1  | 1 and (aggregating adj data)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 14:12 |
| L45 | 0  | 1 and (aggregating adj circuit)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 14:12 |

## EAST Search History

|     |      |   |                              |    |    |                  |
|-----|------|---|------------------------------|----|----|------------------|
| L46 | 1    | 1 and (aggregation adj circuit)         | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 14:17 |
| L47 | 1    | 1 and (aggregat\$3 near image adj data) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 14:19 |
| L48 | 1251 | 1 and (image adj data)                  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 14:19 |
| L49 | 0    | 48 and (conversion adj circuit)         | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 14:20 |
| L50 | 0    | 48 and (conversion)                     | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/02/11 14:20 |